

09/848,984 3706C (CON) - TAKEN FROM:

<p>Form PTO-1449 (Modified)</p> <p>LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</p> <p>(Use several sheets if necessary)</p>		
	Atty Docket No.:	Serial No.:
	3706	08/350,297
	Applicant:	Hu, et al.
	Filing Date:	Group:
	12/6/94	

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
JMA	*	4 7 8 0 4 4 7	10/25/88	KIM ET AL	5201	123	
JAA	*	4 2 2 4 9 4 7	11/25/86	WATANABE ET AL	5021	1231	
JMA	*	4 9 6 5 2 4 3	10/23/90	YAMADA ET AL	5081	124	
JAA	*	5 0 5 7 4 8 3	11/6/89	WATANABE	5021	124	
JAA	*	4 4 9 4 5 7 8	3/1/87	CAMP ET AL	5011	123	
JAA	*	3 9 5 6 1 8 8	5/11/86	HINDIN ET AL	2021	123	
JMA	*	4 C 2 1 1 8 5	5/3/87	HINDIN ET AL	4311	7	
JMA	*	4 5 8 7 2 3 1	5/6/86	SAWAMURA ET AL	6201	123	
JMA	*	4 1 8 9 4 0 7	2/19/80	KEITH ET AL	2521	112	

*submitted in related
previously filed IDS

FOREIGN PATENT DOCUMENTS

OTHER ART (Including Author, Title, Date, Permanent Pages, etc.)

EXAMINER *Frank R. Strickland*

DATE CONSIDERED 9/19/61

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 (Modified)		Atty Docket No.: 3706	Serial No.: 08/350,297
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Applicant: Hu, et al.	
		Filing Date: 12/6/97	Group:

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
JNA	*	4 1 3 4 8 6 0	11/16/79	HINDEN et al	253/466	-	
JNA	*	4 1 7 1 2 8 8	10/16/79	KEITH et al	254/162	-	
JNA	*	4 7 1 4 6 9 4	12/20/82	WAN et al	502/1	-	
JNA	*	4 7 2 7 0 5 2	1/23/88	WAN et al	502/1	-	
JNA	*	4 7 0 8 9 4 6	11/24/87	CHATA et al	502/301	-	
JNA	*	4 9 2 3 8 1 2	5/8/90	SUMMERS	502/301	-	
JNA	*	4 8 0 8 5 6 4	2/29/89	MATSUMOTO et al	502/303	-	
JNA	*	4 4 3 8 2 1 9	3/20/84	BRANDENBURG et al	502/333	-	
JNA	*	4 4 7 6 2 4 6	10/9/84	KIM et al	502/304	-	
JNA	*	4 5 9 1 5 7 8	5/27/86	FOLEY et al	502/181	-	
JNA	*	4 5 9 1 5 8 0	5/27/86	KIM et al	502/303	-	

*submitted in related previously filed IDS

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Translation	
							Yes	No
JNA	*	NO 1 2 1 00 3 2	8/31/89	JAPAN	-	-		
JNA	*	AU 6 1 15 7 2 1	2/9/89	AUSTRALIA	-	-		
JNA	*	16 3 0 7 7 5 4 4	7/7/89	JAPAN	-	-		
JNA	*	JP 7 1 5 3 8 3 7	4/2/87	JAPAN	-	-		

*submitted in related OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.) previously filed IDS

EXAMINER

John N. Strickland

DATE CONSIDERED

9/19/91

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FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT & TRADEMARK OFFICE	ATTY DOCKET NO. 3706	SERIAL NO. 08/350,297
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT: Hu, et al.	
		FILING DATE: December 6, 1994	GROUP: 1103

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

*submitted in related previously filed IDS

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Publication Date	Country or Patent Office	Class	Translation	
					Yes	No
JRA	0 460 542 A2*	12/11/91	EPO	F01N 3/20	X	
JRA	0 613 714 A2*	9/7/94	EPO	B01D 53/36	X	
JRA	WO 96/17671*	6/13/96	PCT	B01D 53/94	X	

related

*references submitted with previously filed Information Disclosure Statement

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

JNA	SAE 932765 A Warm-Up and Underfloor Converter Parametric Study * (October 1993)
JNA	SAE 960796 The Development of a Close Coupled Plus Underfloor Catalyst for a ULEV Application * (1996)

*submitted with related previously filed IDS

Examiner <i>Jerry N. Buckland</i>	Date Considered <i>9/19/01</i>
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT: Hu, et al.	
		FILING DATE: December 6, 1994	GROUP:

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

Examiner Initial	Document number	Publication Date	Country or Patent Office	Class	Translation	
					Yes	No
JMA	0 387 611 *	9/19/90	EPO	B01D 53/36	X	
JMA	0 399 892 *	11/28/90	EPO	B01J 23/56		X
JMA	0 460 542 A2 *	12/11/91	EPO	F01N 3/20	X	
JMA	0 613 714 A2 *	9/7/94	EPO	B01D 53/36	X	
JMA	2 328 512 *	5/20/77	France	B01J 23/86		X

*submitted with related previously filed IDS

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

Examiner	<i>Bruce H. Richmond</i>	Date Considered	<i>9/19/61</i>
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09/848,984 3706C (CON) - TAKEN FROM:

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT & TRADEMARK OFFICE	ATTY DOCKET NO. 3706A	SERIAL NO. CPA of 08/350,297 filed
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		December 6, 1994	
		APPLICANT: Hu, et al.	
		FILING DATE: January 12, 1998	GROUP: 1103

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AUG 16 2001
PATENT & TRADEMARK OFFICE
USPTO

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Filing Date if Appropriate

*RECEIVED
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TC 1700*

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document number	Publication Date	Country or Patent Office	Class	Translation	
					Yes	No
<i>JMA</i>	WO 98/17071 *	0/13/98	PCT	B01D-53/94	X	

*submitted in related previously filed IDS

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

<i>JMA</i>	LOW-EMISSION VEHICLE AND ZERO-EMISSION VEHICLE PROGRAM REVIEW, STAFF REPORT, State of California, California Environmental Protection Agency, Air Resources Board, November 1996 *
<i>JMA</i>	DRAFT DISCUSSION PAPER FOR THE LOW-EMISSION VEHICLE AND ZERO-EMISSION VEHICLE WORKSHOP ON MARCH 25, 1994, LOW-EMISSION VEHICLE PROGRAM COSTS, State of California, California Environmental Protection Agency, Air Resources Board. *
<i>JMA</i>	CLEAN AIR, Technology News, Summer 1994, Institute of Clear Air Companies, Manufacturers of Emission Controls Association *
<i>JMA</i>	CATALYTIC AIR POLLUTION CONTROL, Commercial Technology by R.M. Heck and R.J. Farrauto, Engelhard Corporation Research & Development, Van Nostrand Reinhold Publishers, Pages 73-111, 1995 *
<i>JMA</i>	SAE 960797 STUDY OF DIVIDED CONVERTER CATALYTIC SYSTEM SATISFYING QUICK WARM UP AND HIGH HEAT RESISTANCE by T. Takada, H. Hirayama, T. Itoh and T. Yaegashi, Toyota Motor Corp., 1996 *
<i>JMA</i>	SAE 961904 WASHCOAT TECHNOLOGY AND PRECIOUS METAL LOADING STUDY TARGETING THE CALIFORNIA LEV MDV2 STANDARD by R. Smaling and S. Sung, Engelhard Corporation and R. Bartlett, General Motors Corp., 1996 *
<i>JMA</i>	SAE 950254, HIGH TEMPERATURE ULTRA STABLE CLOSE-COUPLED CATALYSTS by Z. Hu and R.M. Heck, Engelhard Corporation, 1995 *
<i>JMA</i>	SAE 980663, DEVELOPMENT OF CLOSE-COUPLED CATALYST SYSTEMS FOR EUROPEAN DRIVING CONDITIONS by A. Waltner, G. Loose, A. Hirschmann - Daimler-Benz AG and L. Müßmann, D. Lindner, W. Müller - Degussa AG, 1998 *

*submitted with related previously filed IDS

Examiner <i>James A. Hirschland</i>	Date Considered <i>9/19/01</i>
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FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT & TRADEMARK OFFICE	ATTY DOCKET NO. 3706A	SERIAL NO. CPA of 08/350,297 filed December 6, 1994
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT: Hu, et al.	
		FILING DATE: January 12, 1998	GROUP: 1103



REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Filing Date if Appropriate
JMK	5,597,771 *	1/28/97	Hu, et al.	502/304	

*submitted in related previously filed IDS

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Examiner Initial	Document number	Publication Date	Country or Patent Office	Class	Translation	
					Yes	No
JMK	79110185 *	5/19/79	Taiwan		X	
JMK	80104517 *	1991	Taiwan	F01N 3/24	X	
JMK	80214653 *	1980	Taiwan	F01N 3/18		X

*submitted in related previously filed IDS

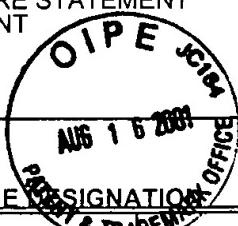
*A copy of what is believed to a corresponding English language patent application has been provided.

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

Examiner	<i>Jerry A. Fruchland</i>	Date Considered	<i>9/19/01</i>
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FORM PTQ-1449- U.S. DEPARTMENT OF COMMERCE PATENT & TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT	ATTY DOCKET NO. 3793	SERIAL NO. 08/576,198
	APPLICANT: Hu, et al.	
	FILING DATE: December 21, 1995	GROUP:



REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Filing Date if Appropriate
JAA	2,806,646	7/29/73	Keith, et al.	60/274	
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JAA	4,504,598	3/12/85	Ono, et al.	502/303	
JAA	4,624,940	11/25/86	Wan, et al.	502/251	
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JAA	5,057,483	10/15/91	Wan, Chung-Zong	502/304	
JAA	5,106,588	4/21/92	Sims, et al.	422/180	
JAA	5,212,142	5/18/93	Dettling, Joseph C.	502/304	

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Examiner Initial	Document number	Publication Date	Country or Patent Office	Class	Translation	
					Yes	No
JAA	0 387 611	9/19/90	EPO	B01D 53/36	X	
JAA	0 399 892	11/28/90	EPO	B01J 23/56		X
JAA	0 460 542 A2	12/11/91	EPO	F01N 3/20	X	
JAA	0 613 714 A2	9/7/94	EPO	B01D 53/36	X	
JAA	2 328 512	5/20/77	France	B01J 23/86		X

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

JAA	SAE 922338 Distribution of Warm-Up-and-Underfloor Catalyst Volumes, Ball, D.J. (1992)
JAA	SAE 93054 Novel Catalyst for Treating Exhaust Gases for Internal Combustion and Stationary Source Engines, Bhasin, M. (1993)
JAA	SAE 932765 A Warm-up and Underfloor Converter Parametric Study, Ball, D.J. (Oct 1993)
JAA	SAE 960796 The Development of a Close Coupled Plus Underfloor Catalyst for a ULEV Application, Chen, S.F., Amundson, A.R., Rabinowitz, H.N., Yamada, T. (1996)
JAA	Luccini, E., Meriani, S., & Sbaizero, O. (1989) "Preparation of Zirconia-Ceria Powders by Coprecipitation of a Mixed Zirconium Carbonate in Water with Urea", Int. J. Materials and Products Technology, Vol. 4, No. 2, pp. 167-175

Examiner <i>Jerry A. Strickland</i>	Date Considered 9/18/01
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INFORMATION DISCLOSURE STATEMENT PTO-1449 (Modified)

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